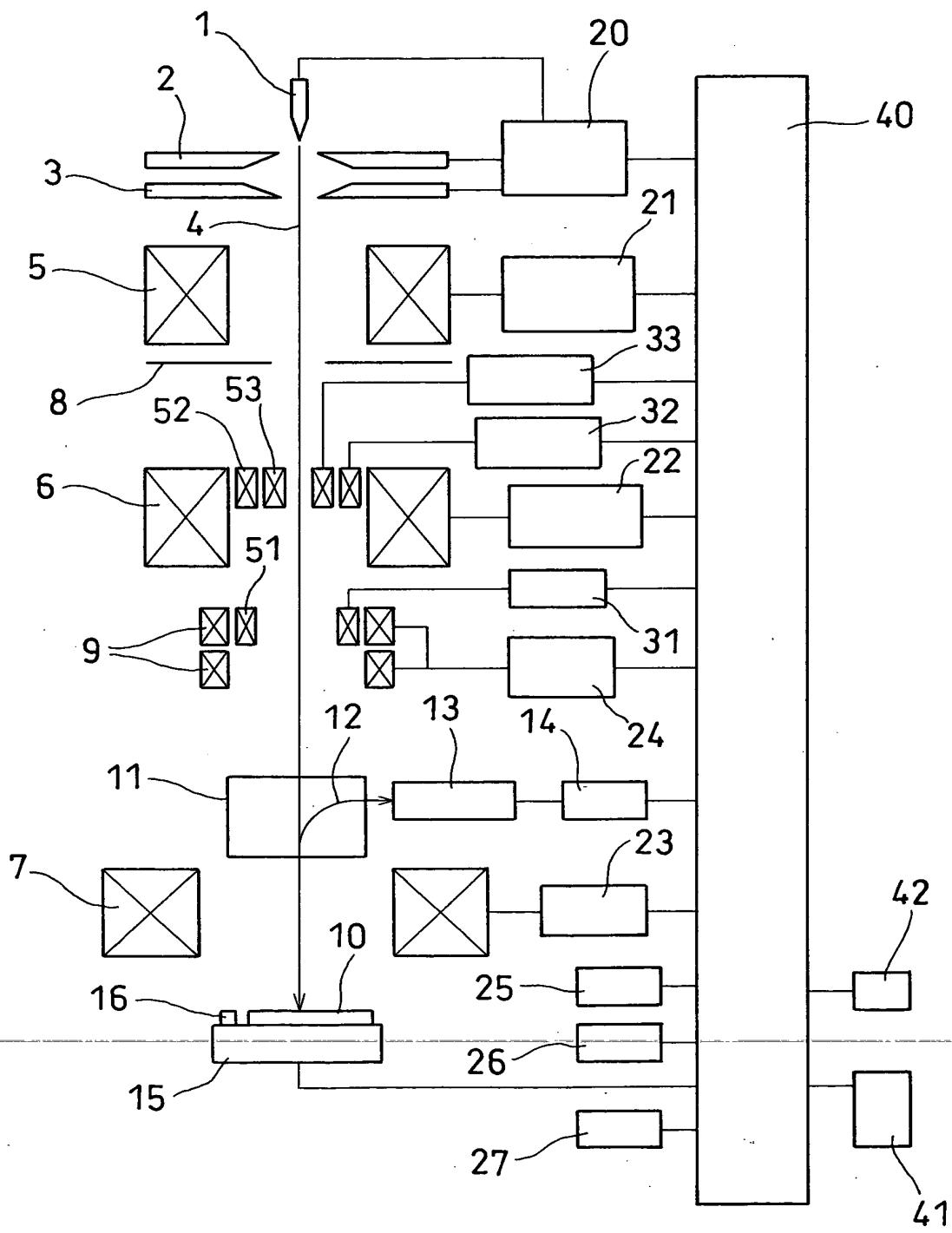
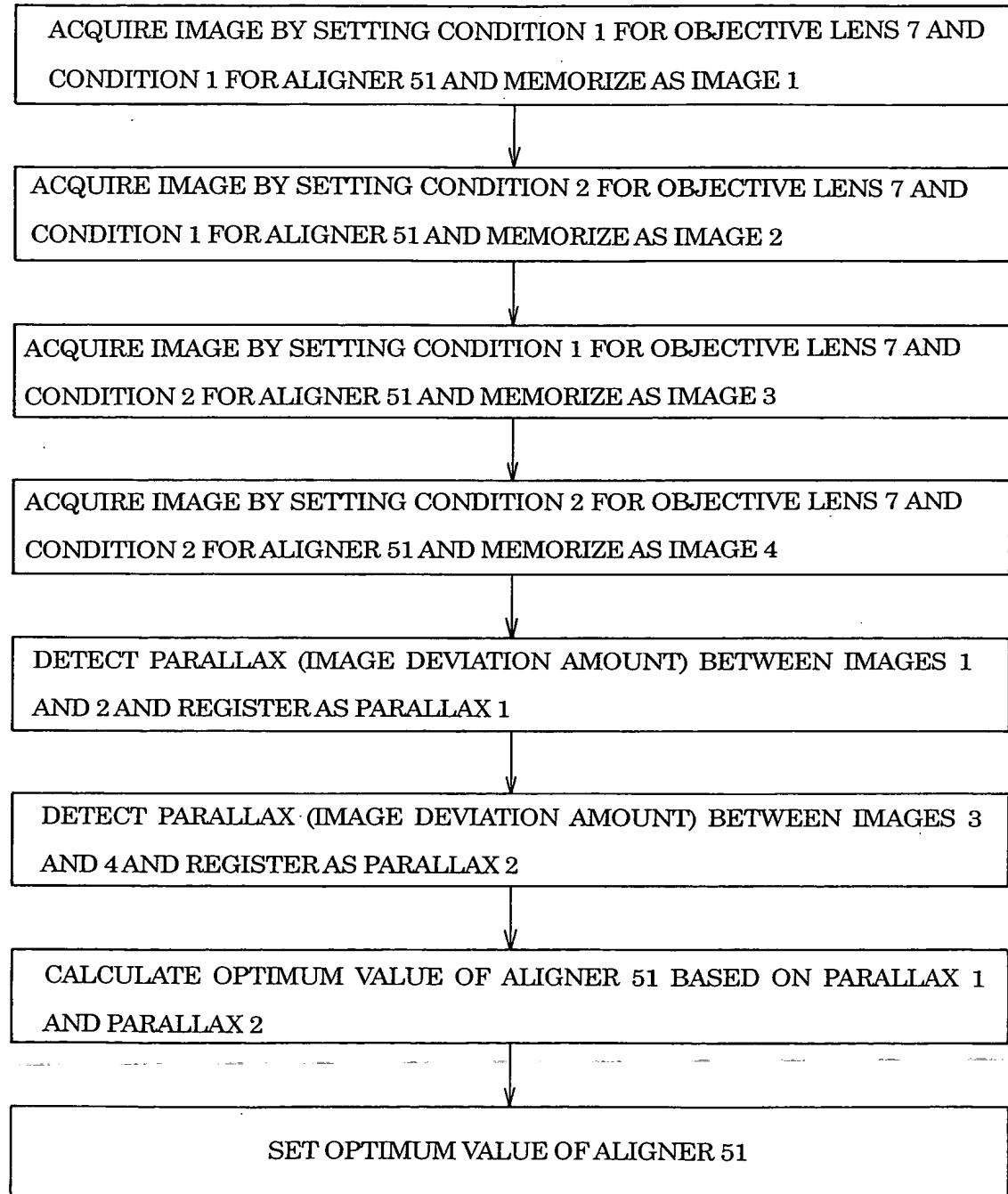


FIG. 1





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FIG.3

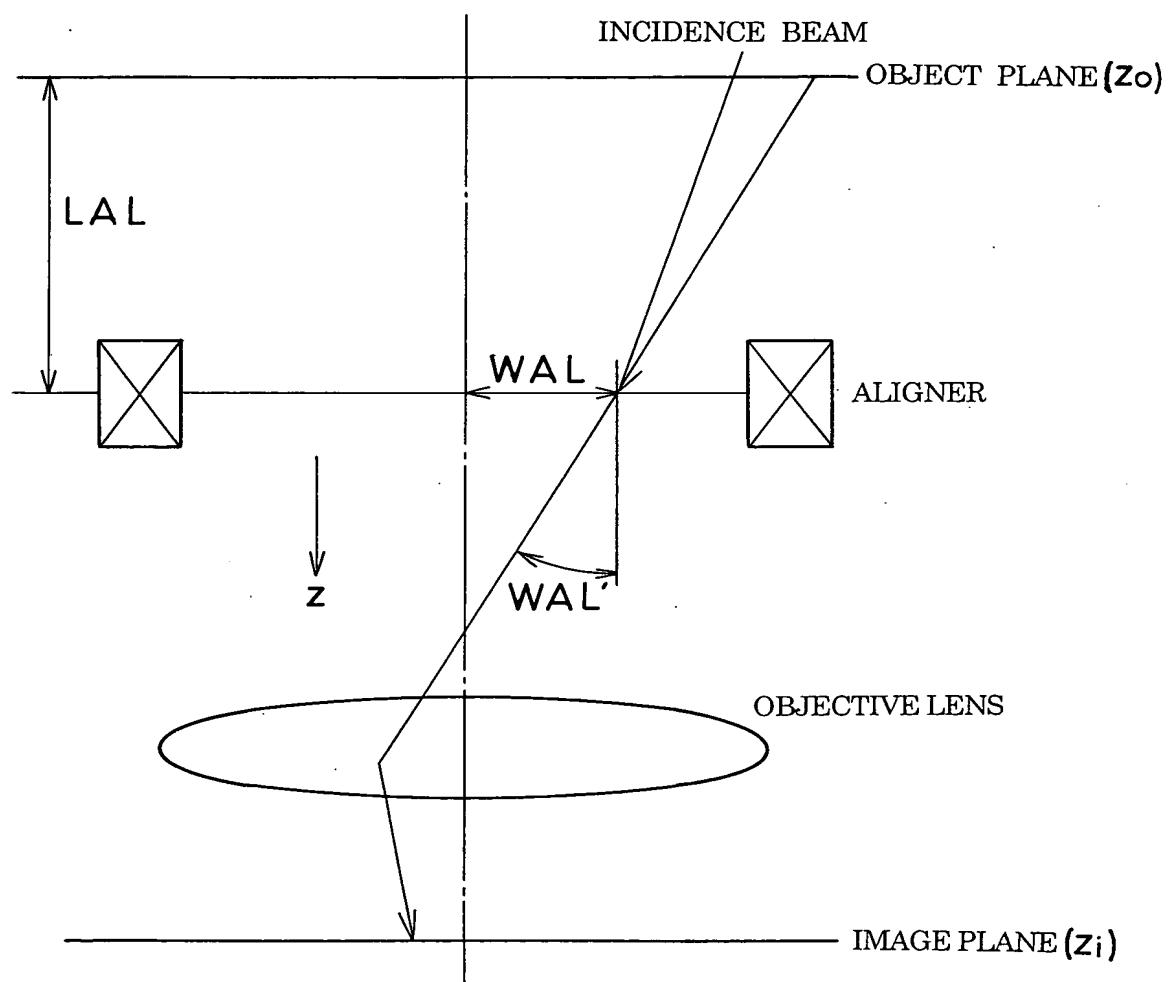
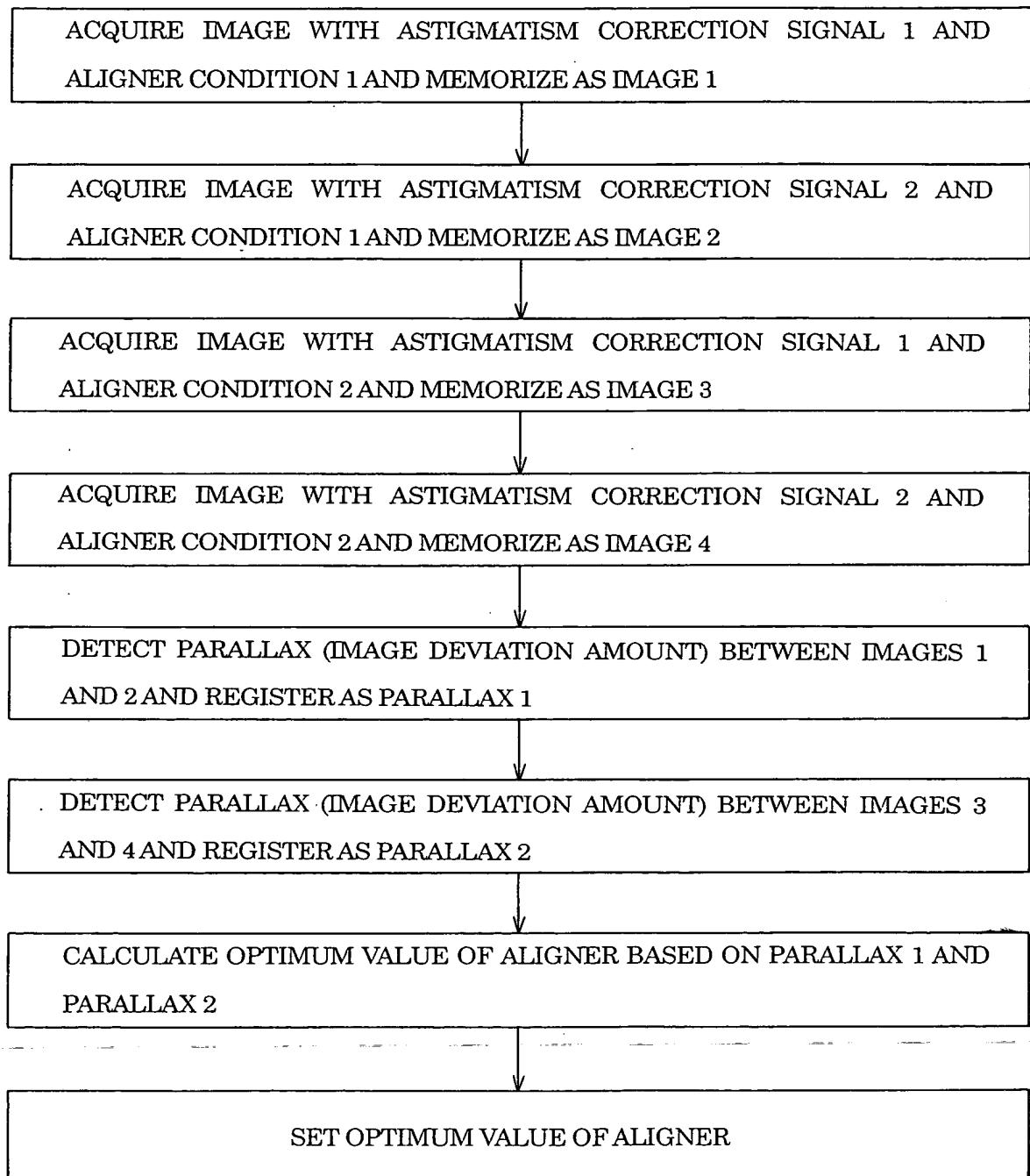


FIG.4



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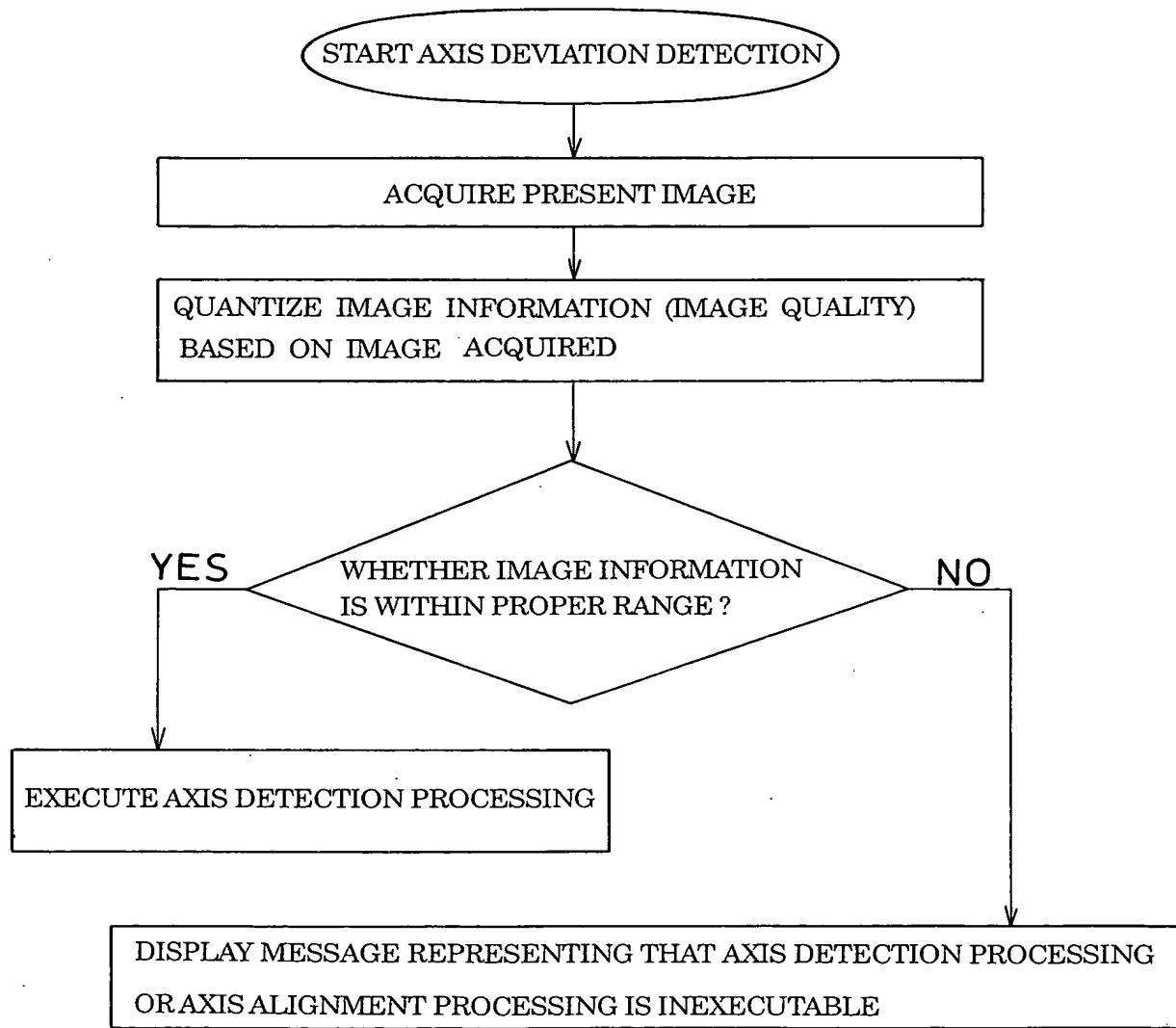
**FIG.5**

AXIS DEVIATION RELATIVE TO OBJECTIVE LENS EXCEED TOLERANCE  
LEVEL. DO YOU EXECUTE AXIS ALIGNMENT?

Y e s

N o

FIG.6



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FIG.7

OPTION SCREEN OF AUTOMATIC AXIS ALIGNMENT SETTING

APERTURE ALIGNMENT

- AUTOMATIC AXIS ALIGNMENT TIMING
  - FOR EACH ANALYSIS POINT
  - FOR EACH WAFER
  - WHEN PARALLAX EXCEED PREDETERMINED VALUE
  - USER SETTING
- APERTURE ALIGNMENT
  - CORRECTION BASED ON PARALLAX DETECTION
  - CORRECTION OF VALUE PREVIOUSLY DETERMINED
  - NO CORRECTION
- CORRECTION AMOUNT GRAPH
  - REGISTRATION
  - NO REGISTRATION
- WHEN AXIS ALIGNMENT IS IMPOSSIBLE
  - STOP OF MEASUREMENT
  - CONTINUE
  - CONTINUE AFTER SAMPLE IMAGE REGISTRATION
  - SWITCH TO CORRECTION OF PREVIOUSLY DETERMINED VALUE

STIGMA (ASTIGMATISM ?) ALIGNMENT



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FIG.8 (a)

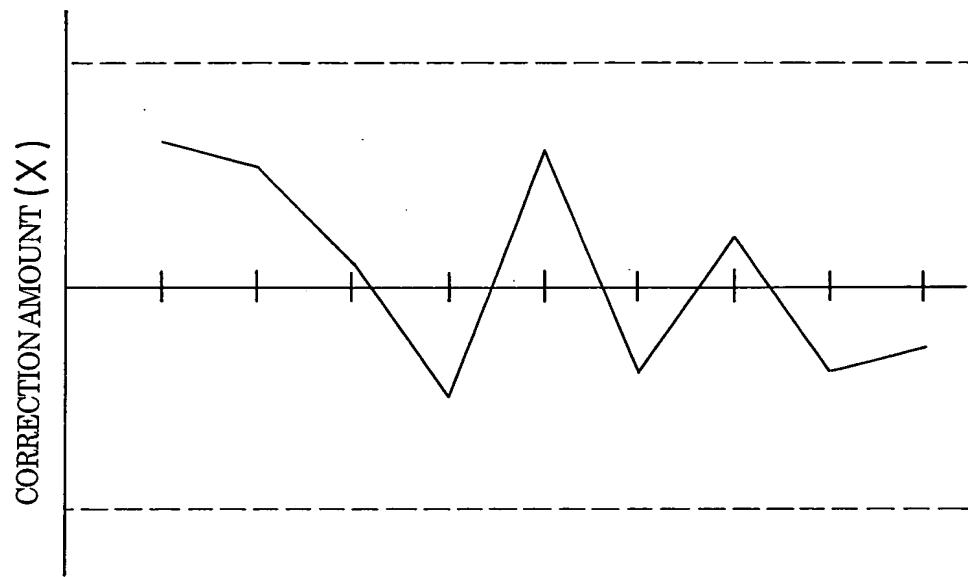


FIG.8 (b)

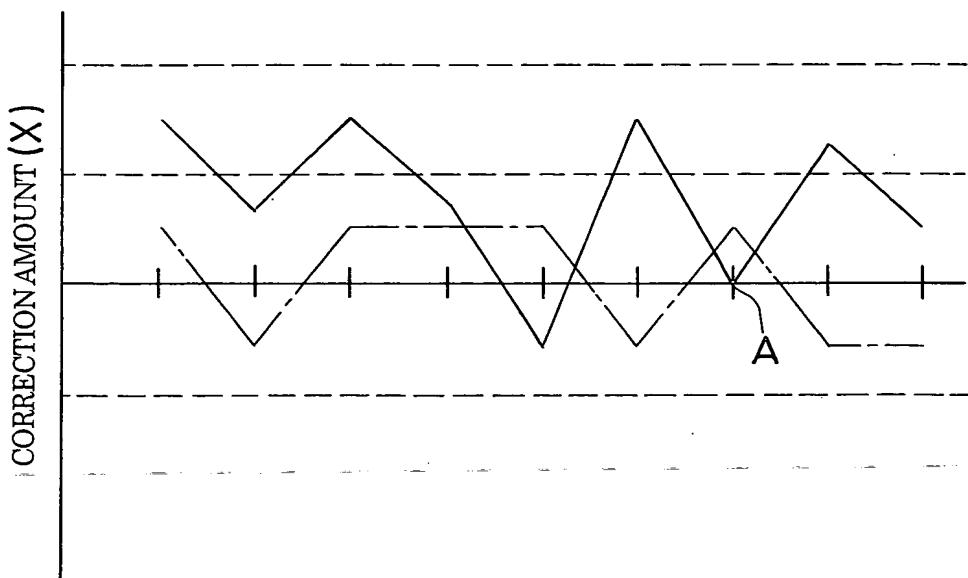
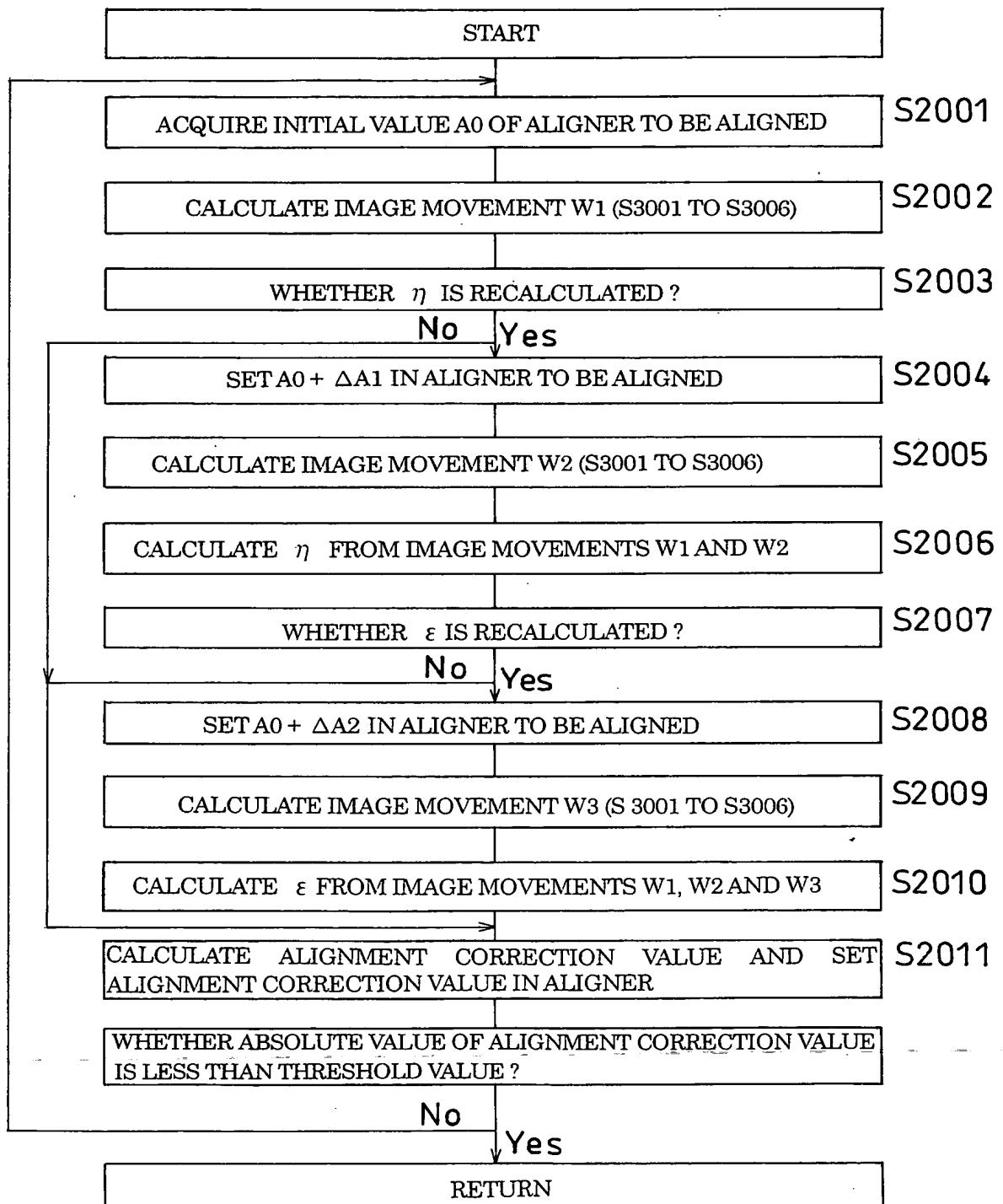
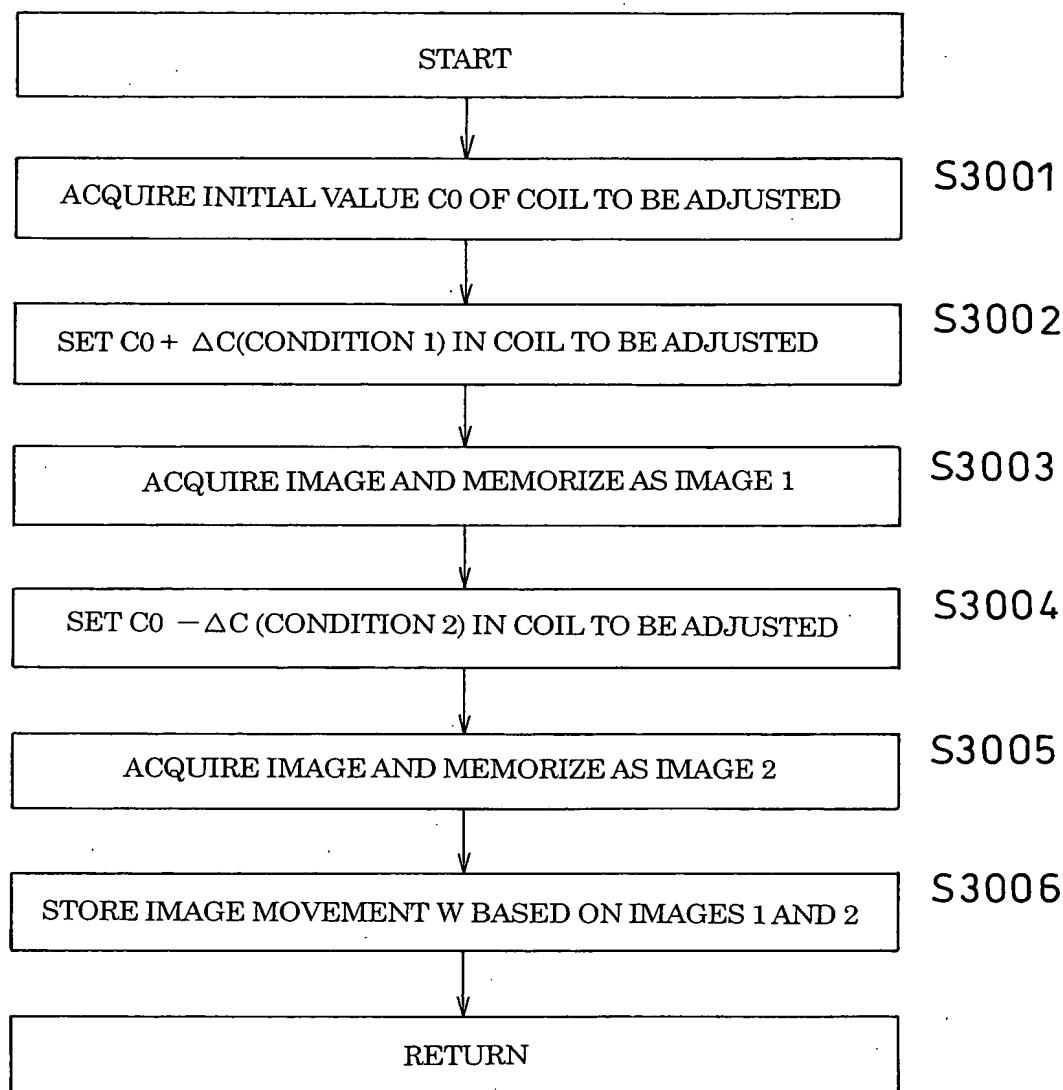


FIG.9

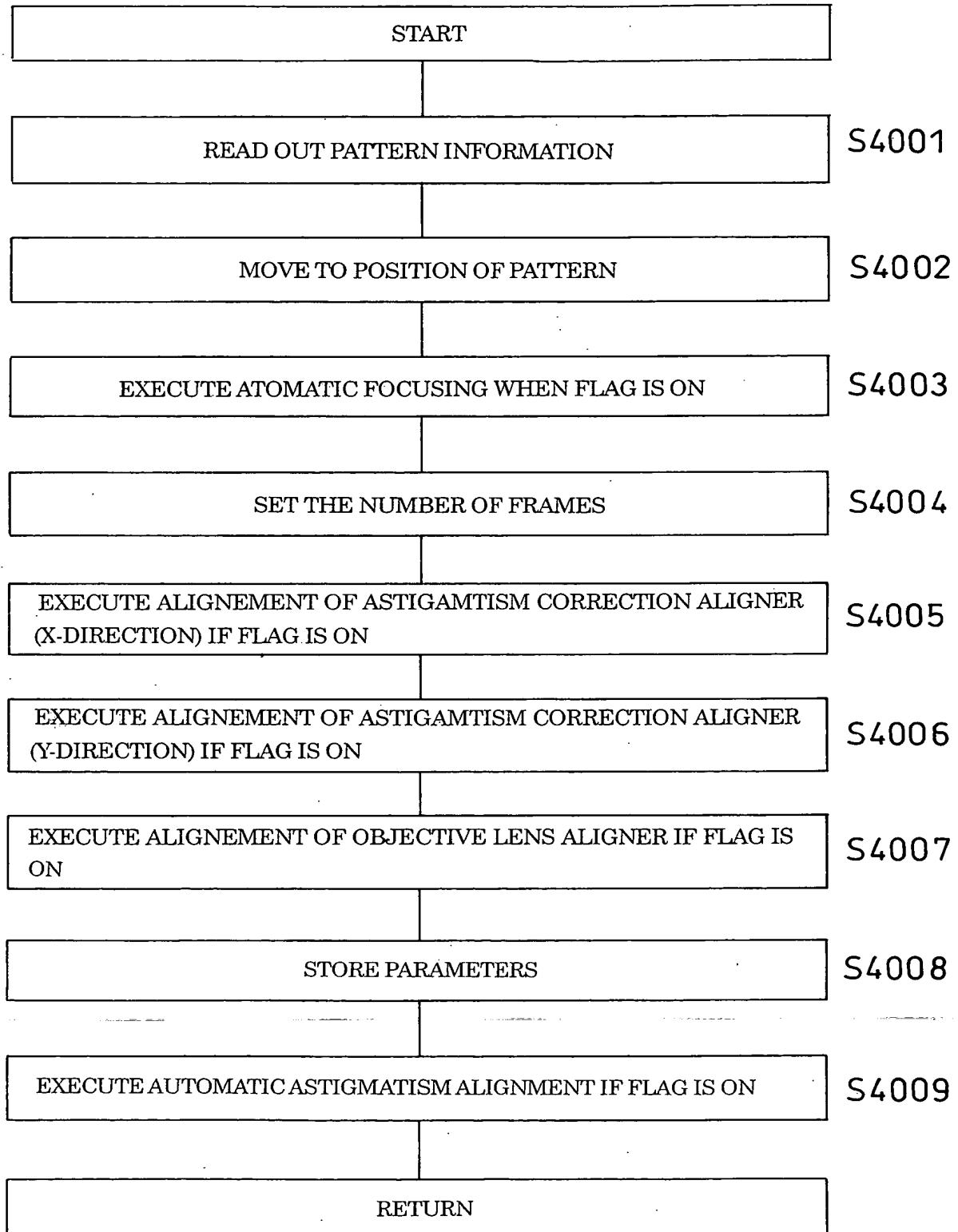


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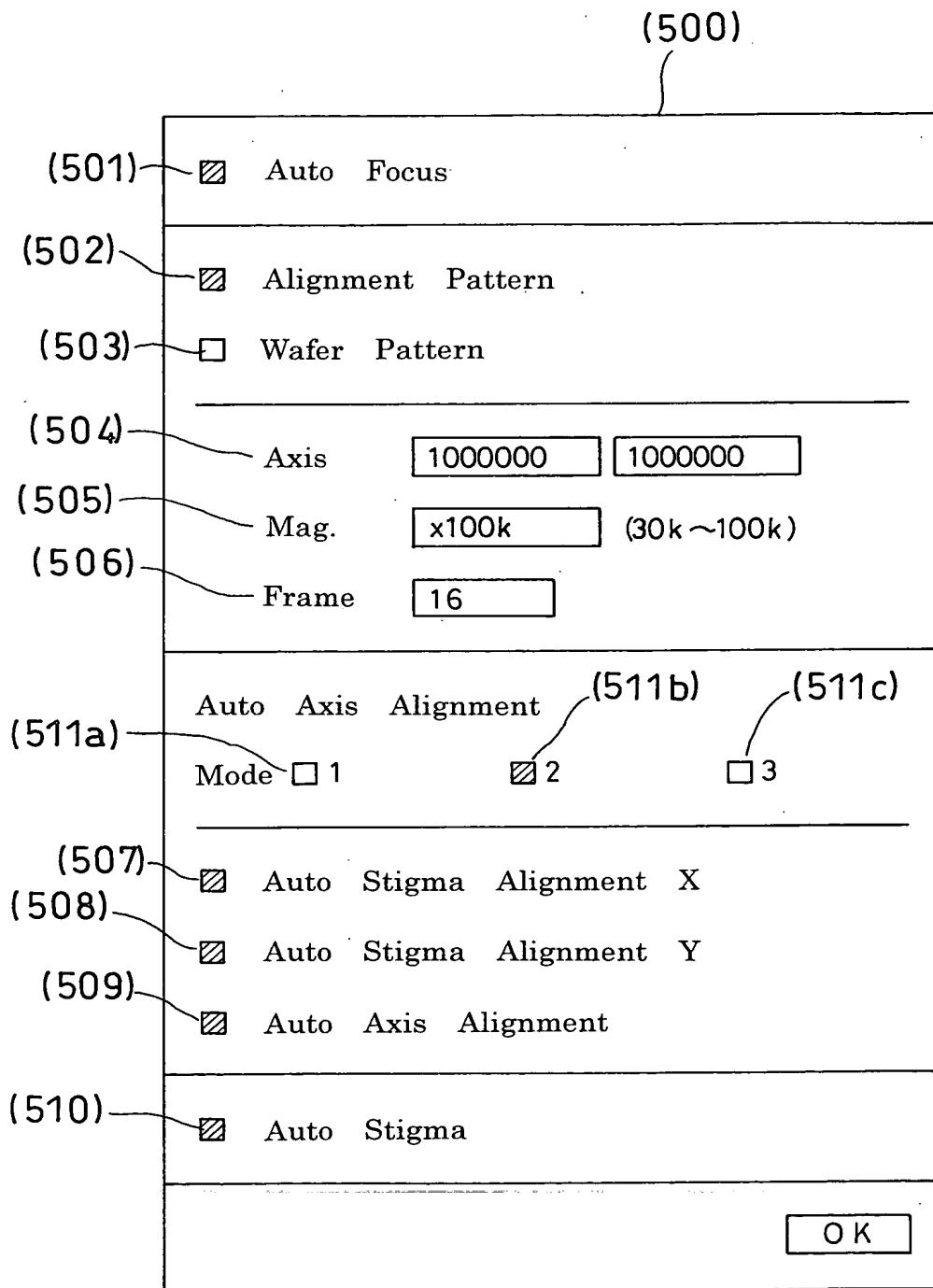
FIG.10



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**FIG.11**



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FIG.12



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**FIG.13**

